



The Regional Officer, OSPCB
Kalinganagar Industrial Complex,
Jajpur, Odisha- 755026

KPO/Env/C-010/14 /2017
June 23, 2017.

Dear Sir,

Sub: Annual return in Form-IV as per the requirement of Bio Medical Waste Management Rules, 2016.

We are enclosing herewith the "Annual return in Form-IV, for the period of "January '2016 to December 2016" as per Bio Medical Waste Management Rules, 2016 for your kind information.

We trust the information furnished is in line with the requirement.

Thanking You,

Yours faithfully,
For **Tata Steel Limited**

U S Parkhi
Head, Environment



TATA STEEL KALINGANAGAR

Jajpur 755 026 India

Registered Office Bombay House 24 Homi Mody Street Fort Mumbai 400 001

Tel 91 22 66658282 Fax 91 22 66657724

Form - IV
(See rule13)
ANNUAL REPORT

[To be submitted to the prescribed authority on or before 30th June every year for the period from January to December of the preceding year, by the occupier of health care facility (HCF) or common bio-medical waste treatment facility (CBWTF)]

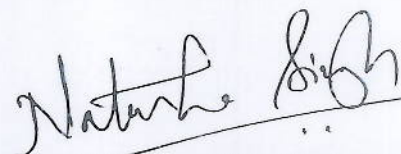
Sl. No.	Particulars												
1.	Particulars of the Occupier												
	(i) Name of the authorised person (occupier or operator of facility)	: Dr. (Major) Natasha Singh Head- OHS, Tata Steel Ltd., Kalinganagar											
	(ii) Name of HCF or CBWTF	: First Aid Centers inside Tata Steel Ltd., KNIC, Jajpur, Odisha- 755026											
	(iii) Address for Correspondence	: Head OHS Tata Steel Ltd., Kalinga Nagar Industrial Complex , Jajpur, Odisha- 755026											
	(iv) Address of Facility	Tata Steel Ltd., Kalinga Nagar Industrial Complex , Jajpur, Odisha- 755026											
	(v) Tel. No, Fax. No	: 06726-606051											
	(vi) E-mail ID	: env.op @tatasteel.com											
	(vii) URL of Website	www.tatasteelindia.com											
	(viii) GPS coordinates of HCF or CBWTF	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2" style="text-align: center;">First Aid Centers</th> <th colspan="2" style="text-align: center;">GPS Coordinates</th> </tr> <tr> <th style="text-align: center;">Latitude</th> <th style="text-align: center;">Longitude</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">(Near SMS)</td> <td style="text-align: center;">20^o57'382" (N)</td> <td style="text-align: center;">86^o00'842" (E)</td> </tr> <tr> <td style="text-align: center;">(Near RMHS)</td> <td style="text-align: center;">20^o58'382" (N)</td> <td style="text-align: center;">86^o00'817" (E)</td> </tr> </tbody> </table>	First Aid Centers	GPS Coordinates		Latitude	Longitude	(Near SMS)	20 ^o 57'382" (N)	86 ^o 00'842" (E)	(Near RMHS)	20 ^o 58'382" (N)	86 ^o 00'817" (E)
First Aid Centers	GPS Coordinates												
	Latitude	Longitude											
(Near SMS)	20 ^o 57'382" (N)	86 ^o 00'842" (E)											
(Near RMHS)	20 ^o 58'382" (N)	86 ^o 00'817" (E)											
	(ix) Ownership of HCF or CBWTF	: Private											
	(x). Status of Authorisation under the Bio-Medical Waste (Management and Handling) Rules	: Authorisation No.: 3581, dtd. 20/10/2016 , valid up to- 31.03.2019											
	(xi). Status of Consents under Water Act and Air Act	: CTO is for Integrated Steel Plant, Which is Valid till 31.03.2018.											
2.	Type of Health Care Facility												
	(i) Bedded Hospital	: No. of Beds: 02 Nos. of Observation Bed (one each in first aid centers)											

	(ii) Non-bedded hospital (Clinic or Blood Bank or Clinical Laboratory or Research Institute or Veterinary Hospital or any other)	: Two Nos. (2) of First Aid Centers inside Integrated Steel Plant of Tata Steel Ltd. At Kalinganagar Industrial Complex.																																		
	(iii) License number and its date of expiry	NA																																		
3.	Details of CBMWTF	: Not Applicable																																		
	(i) Number healthcare facilities covered by CBMWTF	: Not Applicable																																		
	(ii) No of beds covered by CBMWTF	: Not Applicable																																		
	(iii) Installed treatment and disposal capacity of CBMWTF:	Kg per day Not Applicable																																		
	(iv) Quantity of biomedical waste treated or disposed by CBMWTF	Kg/day Not Applicable																																		
4.	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)	Yellow Category	: 18 kg																																	
		Red Category	: 18 kg																																	
		White	: 10 kg																																	
		Blue Category	: 07 kg																																	
		General Solid waste	: NA																																	
5	Details of the Storage, treatment, transportation, processing and Disposal Facility																																			
	(i) Details of the on-site storage Facility	: Size : Capacity : Provision of on-site storage : (cold storage or any other provision)- Wastes are segregated in colour coded containers as referred in BMW Management Rules, 2016.																																		
	(ii) disposal facilities	<table border="1"> <thead> <tr> <th>Type of Treatment</th> <th>No. of Units</th> <th>Capacity Kg/Day</th> <th>Quantity Treated or Disposed in Kg/ Annum</th> </tr> </thead> <tbody> <tr> <td>Incinerators</td> <td>Nil</td> <td>-</td> <td>-</td> </tr> <tr> <td>Plasma Pyrolysis</td> <td>Nil</td> <td>-</td> <td>-</td> </tr> <tr> <td>Autoclaves</td> <td>01</td> <td>0.05</td> <td>18</td> </tr> <tr> <td>Microwave</td> <td>Nil</td> <td>-</td> <td>-</td> </tr> <tr> <td>Hydroclave</td> <td>Nil</td> <td>-</td> <td>-</td> </tr> <tr> <td>Shredder</td> <td>Nil</td> <td>-</td> <td>-</td> </tr> <tr> <td>Needle tip cutter or</td> <td>02</td> <td>0.03</td> <td>10</td> </tr> </tbody> </table>			Type of Treatment	No. of Units	Capacity Kg/Day	Quantity Treated or Disposed in Kg/ Annum	Incinerators	Nil	-	-	Plasma Pyrolysis	Nil	-	-	Autoclaves	01	0.05	18	Microwave	Nil	-	-	Hydroclave	Nil	-	-	Shredder	Nil	-	-	Needle tip cutter or	02	0.03	10
Type of Treatment	No. of Units	Capacity Kg/Day	Quantity Treated or Disposed in Kg/ Annum																																	
Incinerators	Nil	-	-																																	
Plasma Pyrolysis	Nil	-	-																																	
Autoclaves	01	0.05	18																																	
Microwave	Nil	-	-																																	
Hydroclave	Nil	-	-																																	
Shredder	Nil	-	-																																	
Needle tip cutter or	02	0.03	10																																	

		destroyer			
		Sharps encapsulation or - concrete pit	Nil	-	-
		Deep burial pits:	Nil	-	-
		Chemical disinfection	Nil	-	-
		Any other treatment equipment	Surgical Instrument Boilers (2 nos.)	-	-
	(iii) Quantity of recyclable wastes sold to authorized recyclers after treatment in kg per annum.	: Red Category (like plastic, glass etc.) NA			
	(iv) No of vehicles used for collection and transportation of biomedical waste	: Transportation of Biomedical waste to disposal facility is done by M/s Sani clean Pvt Ltd.			
	(v) Details of incineration ash and ETP sludge generated and disposed during the treatment of wastes in Kg per annum		Quantity Generated	Where disposed	
		Incineration	Nil	-	
		Ash	Nil	-	
		ETP Sludge	Nil	-	
	(vi) Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of	: M/s Sani clean Pvt. Ltd PLOT NO. N/4-42-F 401, RANDHA GOVIND ENCLAVE, IRC VILLAGE, NAYAPALLI BHUBANESWAR OR 751015 IN			
	(vii) List of member HCF not handed over bio-medical waste.	: NA			
6	Do you have bio-medical waste Management committee? If yes, attach minutes of the meetings held during the reporting period	: NA			
7	Details trainings conducted on BMW				
	(i) Number of trainings conducted on BMW Management.	5			
	(ii) number of personnel trained	16			
	(iii) number of personnel trained at the time of induction	Training is provided to all new joinee during induction			
	(iv) number of personnel not undergone any training so far	Bio Medical Waste Management Rules, 2016 is referred for training.			

	(v) Whether standard manual for training is available?	Job specific training is provided to individuals
	(vi) any other information)	
8	Details of the accident occurred during the year	NA
	(i) Number of Accidents occurred	
	(ii) Number of the persons affected	
	(iii) Remedial Action taken (Please attach details if any)	
	(iv) Any Fatality occurred, details.	
9.	Are you meeting the standards of air Pollution from the incinerator? How many times in last year could not meet the standards?	Not Applicable. No incineration Facility.
	Details of Continuous online emission monitoring systems installed	Not applicable
10	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year?	Yes. Liquid waste generated meets the standards
11	Is the disinfection method or sterilization meeting the log 4 standards? How many times you have not met the standards in a year?	Yes
12	Any other relevant information (Air Pollution Control Devices attached with the Incinerator)	Not applicable

Certified that the above report is for the period from January 2016 to December 2016



Name and Signature of the Head of the Institution
Dr. (Major) Natasha Singh
 MBBS, AFIH, PGDHHM
 Head-Medical Services (OHS)
 TATA STEEL KLR

Date: 23/6/17
 Place: Kalinyanagar.